

Specification Amendments

Please replace the ABSTRACT OF THE DISCLOSURE paragraph with the following paragraph:

A system ~~System~~ and method for increasing data transfer rate is disclosed. A digital signal waveform that contains one bit of information for every bit time of the digital signal waveform is received. Every three bits of the digital signal waveform is buffered and encoded. The encoding produces an encoded waveform that contains three bits of information for each bit time of the digital signal waveform, therefore, increasing the data transfer rate of the digital signal waveform.